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University of Maryland at College Park

OUTLOOK

October 2, 1989

Picnic Planned for Homeless

The Not Just Talk Coalition, a university group dedicated to helping the homeless, is sponsoring its third "Day for Giving" on October 25 on the College Park campus.

With the money collected during the "Day for Giving," the coalition, along with the Community for Creative Non-violence, will give a picnic for some of Washington, D.C.'s homeless people on November 8 at Upper Senate Park on Capitol Hill.

"Our purpose for having the 'Day for Giving' and the picnic is not only to help the homeless, but to raise the awareness of students and faculty to the plight of the homeless," says Erika Lutzner, one of the students involved in the coalition.

During the "Day for Giving," students will be able to donate \$1 off their meal cards to go toward the picnic. Tables also will be set up around campus to take cash donations from the campus community.

Faculty and staff are urgently needed to help at the tables during the "Day for Giving" and to volunteer at the picnic on November 8.

"We really want more faculty involved in our coalition, and not just through sponsorship. We want them to come to the picnic and help with the 'Day for Giving,'" Lutzner says. "We see this as a great opportunity for faculty and students to work together for a very worthy cause."

Jane Lawrence, assistant director of the honors program, has assisted the student coalition since it was formed last year. She is very impressed by the hard-working and committed students involved in the coalition.

"I really want to encourage faculty and staff on this campus to support these students and their cause," Lawrence says. "Some people say that students don't care about social issues, but these students have given tirelessly of their time, money and energy to help the homeless. Faculty and staff need to get behind these students with more than just words and support them with time and funds."

For more information or to volunteer for the "Day for Giving" or the picnic, call Jane Lawrence at 454-2535, Erika Lutzner at 864-8238, or Peter Labonski at 441-4622. ■

New Magazine Brings Alumni News From College Park

The 150,000 College Park alumni scattered throughout the world will receive a letter from their alma mater this week in the form of a new 48-page magazine, *College Park*.

Some 153,000 copies of the magazine's first issue will be mailed this week to all known College Park alumni, faculty and staff members, university friends and donors, UM system staff, and Maryland cooperative extension agents. A second issue is scheduled for the spring semester with quarterly publication expected to begin in fall 1990.

College Park features in-depth articles about people, places and events at the university, short news and feature items and a 16-page section of campus notes. The first issue includes a cover story on a group of academically talented freshmen, a profile of new men's basketball coach Gary Williams, a look at a mechanical engineering professor's work with students and a feature on the university's new Center for Global Change.

The magazine is published by the College Park Alumni Association and pro-

duced by two departments in the Office of Institutional Advancement.

Steve Barkin, associate professor of journalism, is editing the magazine's first two issues on a consulting basis. A permanent editor will be appointed next year.

Roz Hiebert, director of public information, is senior editor, and staff members in the Public Information Office are writing the majority of the articles for *College Park* with contributions from freelance writers. Their work includes compiling all the information for short, departmental items in addition to writing in-depth features for each issue.

Creative Services staff members, headed by director Judith Bair, designed and laid out the magazine with Margaret Hall serving as art director and Maria Sese creating the Alumni News insert.

Leonard Raley, director of Alumni Programs, says that *College Park* will be one of his office's most important tools



in maintaining contact with university alumni.

"This magazine serves as a vehicle for carrying [the university's] story to its graduates. This will be a tremendous help in keeping alumni involved with the campus," he says. ■

—Brian Busek

New Office Seeks to Broaden Soviet College Park Ties

With the Soviet Union opening its doors to new scholarly ideas as part of *glasnost*, the University of Maryland at College Park is establishing a new office to take full advantage of these new intellectual opportunities.

The new Office of American/Soviet Academic Joint Ventures, which opened in August, is assisting university departments forge new academic relationships with Soviet institutions and helping to integrate those that already exist. Since its formation, the office already has assisted with campus exchange agreements with the Soviet academy in the physical and social sciences.

"The Soviet Union has decided to become a larger partner in the international scientific [and academic] community," says Richard Brecht, acting director of the office and professor of Germanic

and Slavic Languages and Literatures.

"Programs with the Soviet Union give us a tremendous opportunity to enhance research and education on this campus. We've had many faculty members [from College Park] involved in excellent projects with the Soviets. But these have tended to be individual efforts, not part of a broader initiative."

The U.S.-Soviet exchanges envisioned in the program will be directed more toward an exchange of scientific information between university and Soviet scholars than cultural exchanges.

Soviet scientists in such areas as physics, psychology and biology have vast amounts of data that are not generally available to the West, Brecht says. On the other hand, in many areas, the Soviets lack effective methods for processing their data. In short, exchanges of

Soviet data for American processing methods could become the basis of many intellectually profitable agreements, he says.

In addition, developing College Park into a center for academic projects between the U.S. and Soviet Union would create new opportunities for exchange of undergraduate and graduate students, Brecht says.

This semester, the office is helping to implement agreements for scholarly exchanges between the Soviet Central Economics and Mathematics Institute and the College of Behavioral and Social Sciences and the Lebedev Physics Institute and the College of Computer,

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Sosnowski Named to Maryland 1992 Commission

Gov. William Donald Schaefer recently appointed Saul Sosnowski, chair of Spanish and Portuguese Languages and Literature, to the Maryland 1992 Commission. The 22 member commission is planning the state's celebration of the 500th anniversary of Columbus' voyages to the New World. The commission will work with local and national groups to plan events and raise funds for the celebration.

RESEARCH HIGHLIGHTS

Researcher Helps Rural Pharmacies Meet Healthcare Needs of the Elderly

The sage old country doctor who's been around forever and makes house calls is a far cry from the reality of health care for the elderly in rural America.

According to Ed Ansello, associate director of UMCP's Center on Aging, the community pharmacist is often the only point of contact between any health care system and the rural elder.

"Due to an increase in young and/or foreign educated doctors, many elderly patients want to be treated by someone more familiar to them," says Ansello. "That usually means their pharmacist."

In fact, 60 percent of a rural pharmacist's clientele of patients is likely to be over 65, with 54 percent taking three to five prescriptions concurrently and 21 percent taking five or more.

"Some elderly people even take more than 10 prescriptions," says Ansello, who has been associated with the Center on Aging since its inception in 1974.

"Even more complicated is that many elderly patients see several doctors and either forget or don't want to inform their physicians of all the prescriptions they are taking. All of this can create a tremendous burden for the pharmacist."

To alleviate the situation, Ansello and Peter Lamy, director of the Center for the Study of Pharmacy and Therapeutics for the Elderly at the University of Maryland School of Pharmacy, began a local continuing education program for pharmacists that has since blossomed into a national program.

Five years ago, through an \$80,000 grant from the American Association of Retired Persons Andrus Foundation, Ansello and Lamy developed an eight-week continuing education course for pharmacists on the Eastern Shore and in western and southern Maryland.

The sessions covered such issues as age-related altered drug actions, recent developments in drugs for the elderly, multiple drug interactions, drug-food interactions, psychosocial aspects of growing older and community resources to help the pharmacist with older patients and their families.

Based on independent follow-up studies of pharmacy practice, Ansello and Lamy learned that several pharmacists changed the way they practice: 65 percent of the participants said they had changed the way they monitored refill patterns for older patients; 55 percent posted a list of drug-food interactions; 46 percent related a change in their monitoring of dangerous drug interactions; and 70 percent said they spend more time in verbal communication with their older patients.

After the success of the rural pharmacists project in Maryland, in 1986 the Andrus Foundation gave Ansello and Lamy \$100,000 to develop similar regional programs in Pennsylvania, West Virginia, Virginia and Delaware, perhaps laying the foundation for a national program.



Ed Ansello, Associate Director of the Center on Aging

The regional program was also a success, and the Andrus Foundation then gave Ansello another \$165,000 in 1987 to begin the national program.

Instead of operating the national program through the Center on Aging, the goal of the third grant was to involve other educational institutions by giving them the responsibility of servicing their regions.

Six regional centers made up the national program: Massachusetts College of Pharmacy in New England; the University of Florida in the Southeast; Samford University, Birmingham in the deep South; the University of Missouri, Kansas City in the Midwest; the Washington State Pharmacy Association in the North West; and Lambda Kappa Sigma, the national pharmacy fraternity.

Ansello, who has written extensively about the relationship between gerontology and higher education, is pleased that the regions have adopted the geropharmacy program so enthusiastically. "I'm glad we were able to transfer the lessons we learned in Maryland to a larger area." ■

—John Fritz

Aluminum May Affect the Mitochondrial Membrane of Living Cells

In many ways, the membrane of a cell works much like the Berlin Wall. The membrane has gates, or channels, that let only certain chemicals in and out of the cell.

Inside the cell, organelles such as the mitochondria also have channels in their membranes that check the flow of chemicals between cellular compartments.

Cells and organelles have different kinds of channels. Understanding these various channels is critical if scientists are to learn how cells regulate themselves and stay healthy.

Marco Colombini, professor of zoology, studies a type of channel, called VDAC, in the outer membrane of mitochondria. VDAC stands for voltage-dependent, anion-selective channel.

"The mitochondria are a very important part of the animal cell because they extract energy from the food we eat," Colombini explains. "VDACs are the pathways by which this energy travels from the mitochondria to the cell's cytoplasm."

VDAC channels open and close by responding to a change in the voltage across the membrane. Colombini and his colleagues want to know how it is that these channels, which are made up of proteins, respond to the voltage changes.

Somewhat by accident, they have learned what can make the channels

operate improperly.

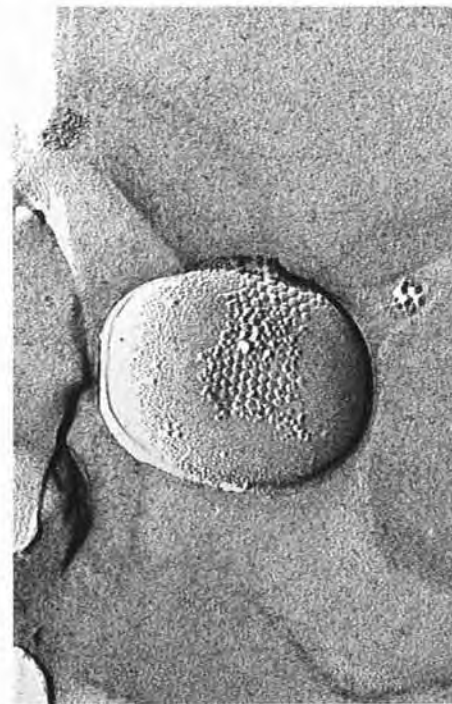
"For about six months we couldn't get the channels to work properly," Colombini says. "Tracy Dill and Marcia Holden in my lab found that trace amounts of aluminum leaching from needles we used in the apparatus were inhibiting the channels. Very small amounts of aluminum caused the channels to work improperly."

Colombini says that these small amounts could be compared to the normal amount of aluminum that most humans have existing in their bodies. However, because the aluminum in their experiments was "free aluminum" and not attached to other chemicals, as aluminum would be in the body, he says that they are not sure how harmful these amounts of aluminum really are.

"We are still learning about these channels, and if they malfunction, we're not sure what that will do to the mitochondria or the health of the cell. I suppose in principle that too much aluminum could have subclinical effects just as too much lead can affect a child's ability to learn."

Colombini recently published his second paper on this subject in the August 1989 issue of the *Biochimica et Biophysica Acta*.

Colombini says that they have determined the chemical structure of the VDAC molecule, but now they are look-



On this cross-section of a mitochondrial membrane, the VDAC channels appear as tiny bumps.

ing for what part of the molecule allows the channel to respond to subtle changes in the electric field.

"Our goals for the next few years are to determine how the molecular machinery works and to learn more about how the mitochondria are regulated by these channels." ■

—Jan Barkley

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

Reese Cleghorn, Acting Vice President for Institutional Advancement
Roz Hiebert, Director of Public Information & Editor
Linda Freeman, Production Editor
Jan Barkley, Brian Busek, Lisa Gregory, Tom Otwell & Fariss Samarra, Staff Writers
John Fritz, Calendar Editor

Stephen A. Darrou, Design & Coordination
John T. Consoli, Photography Coordinator
Heather Kelly, Chris Paul, Design & Production
Al Danegger & Larry Crouse, Contributing Photography

Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.

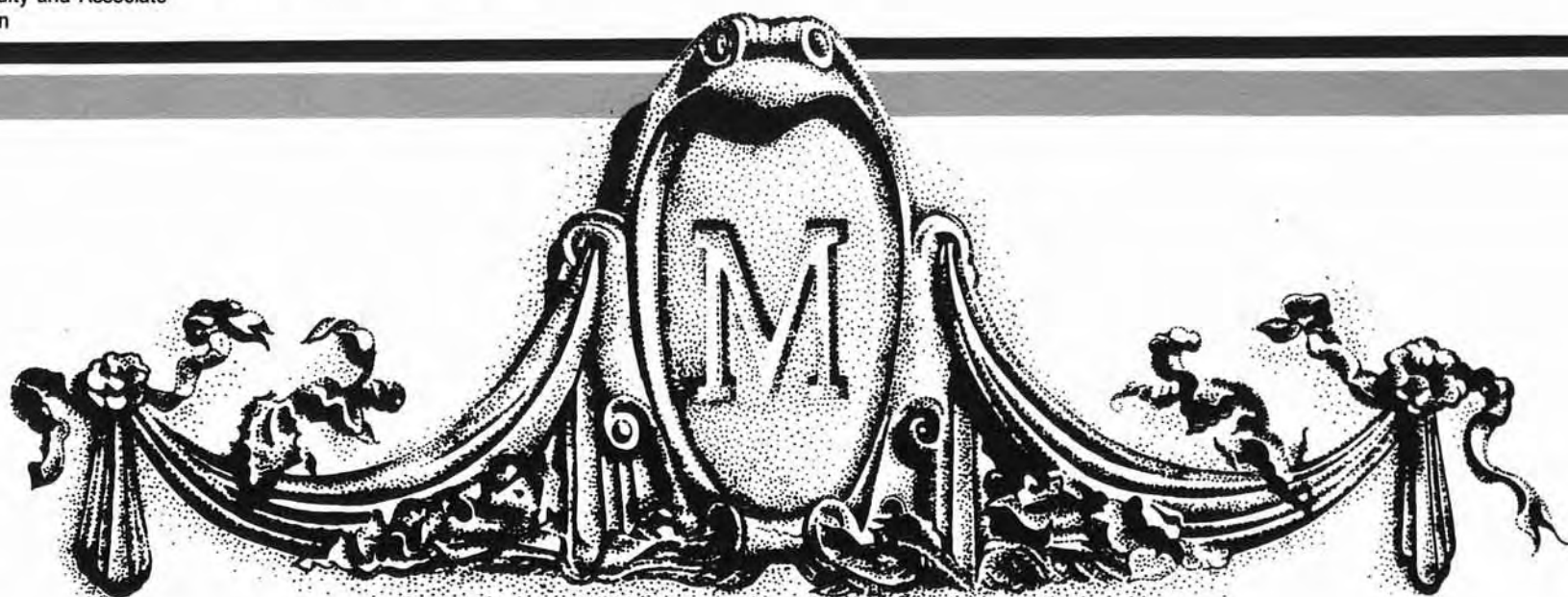




Last Year's Faculty and Associate Staff Convocation

Faculty/Staff Convocation Will Honor Nemes, Hartline and Maugel

The campus community is invited to attend the at the sixth annual Faculty and Associate Staff Convocation on Friday, Oct. 6 at 3 p.m. in Memorial Chapel. The event will honor Graciela Nemes (Spanish and Portuguese), William Hartline (Purchasing) and Timothy Maugel (Zoology), and President William E. Kirwan will deliver the keynote address. In addition, the university's five Distinguished Scholar-Teachers for 1989-90 will be recognized. A reception will follow on the Chapel lawn beginning at 4:15 p.m. Call 454-6553 for information.



New Appointments and Promotions for 1989

The following is a list of 1989 promotion and tenure actions and new appointments.

Promotion and Tenure Actions

Agriculture Professor: Charles Mulchi (AGRO); Mary Ann Ottinger (POUL). Associate Professor: Gerald Deitzer, with tenure (HORT); Martin Rabenhorst (AGRO); James Russell, with tenure (AREC); Peter Thomison (AGRO).

Architecture Professor: Richard Etlin

Arts and Humanities Professor: Theresa Coletti (ENGL); Patricia Greenspan (PHIL); Raymond Martin (PHIL); Ralph Tarica (FRIT); Anne Warren (DANC); David Wyatt (ENGL). Associate Professor: Richard Blum (CMRT); Howard Dobin (ENGL); Robert Levine (ENGL); Robert McCoy (MUSC); Carol Mossman (FRIT); Marjorie Venit (ARTH).

Behavioral and Social Sciences Professor: Steven Brauth (PSYC); Richard Brown (SOCY); Erve Chambers (ANTH); Barbara Meeker (SOCY); Arvind Panagariya (ECON); Joseph Wiedel (GEOG). Associate Professor: Samuel Goward (GEOG); Earlean McCarrick (GVPT); Kevin O'Grady (PSYC); Nan Bernstein Ratner (HESP); John Wallis (ECON).

Business and Management Associate Professor: Eric Chang (BMGT); Curtis Grimm (BMGT); Kenneth Smith (BMGT).

Computer, Mathematical and Physical Sciences Professor: Douglas Arnold (MATH); Leo Blitz (PHYS); S. James Gates Jr. (PHYS); Timothy Heckman (PHYS); Ho-Jung Paik (PHYS); Ben Shneiderman (CMSC); Andris Skuja (PHYS); Eric Slud (MATH); Michael Vogelius (MATH). Associate Professor: Michael Boyd (MATH); James Kelly (PHYS); John Maddocks (MATH); Udaya Shankar (CMSC).

Education Professor: Monique Clague (EPPA); Nathan Fox (EDHD). Associate Professor: Karen Harris (EDSP); Susan Holloway (EDHD).

Engineering Professor: Thomas Antonsen Jr. (ENEE/PHYS); Sung Lee (ENAE). Associate Professor: George Harhalakis (ENME); Ahmet Oruc, with tenure (ENEE); Reinhard Radermacher (ENME); Shihab Shamma (ENEE).

Human Ecology Professor: Phyllis Moser-Veillon (HNFS). Associate Professor: Leigh Leslie (FMCD); Behnam Pourdeyhi (TXCE); Janet Wagner (TXCE).

Journalism Associate Professor: Carl Stepp Jr.

Library and Information Services Associate Professor: Gary Marchionini.

Life Sciences Professor: Marco Colombini (ZOO); Debra Dunaway Mariano (CHEM); Alice Mignerey (CHEM). Associate Professor: Daniel Stein (MICR); Devarajan Thirumalai (CHEM/IPST).

Promoted to Professor Emeritus

Agriculture: Morris Decker (AGRO), Vagn Flyger (ANSC), Lamar Harris (AGEN); **Arts and Humanities:** Graciela Nemes (SPAN); Moreland Perkins (PHIL); **Behavioral and Social Sciences:** Barbara Bergmann (ECON); Robert Harper (GEOG); **Computer Mathematical and Physical Sciences:** Avron Douglas (MATH); William Erickson (PHYS); Alan Faller (IPST); Richard Good (MATH); Martin Pearl (MATH); Joseph Weber (PHYS); **Education:** Raymond Anderson to Associate Dean Emeritus (EDUC); **Engineering:** Albert Gomezplata (ENCH); **Journalism:** John Martin; **Life Sciences:** John Corliss (ZOO).

New Appointments

Agriculture and Life Sciences Professor: Theodore Diener (BOTN, CAB)

Arts and Humanities Professor and Dean: Robert Griffith (HIST); Professor: Martha Solomon (SPCH); Deborah Rosenfelt (WMST). Associate Professor: Marshall Grossman (ENGL); Susan Lanser (ENGL); Phyllis Levin (ENGL); Brigitte Bedos-Rezak (HIST); Bernard Cooperman (HIST); Lynne Bolles (WMST).

Behavioral and Social Sciences Professor: John Townshend (Chair GEOG); Marcus Franda (Dir., Int'l Affairs GVPT); Ted Robert Gurr (GVPT); Stanley Presser (Dir., Survey Res. Ctr. SOCY); Melvin Levin (URBS). Associate Professor: Edward Montgomery (ECON); Benedikt Poetscher (ECON); Stephen Prince (GEOG); Richard Guzzo (PSYC); Lee Hamilton (SOCY); Howell Baum (URBS); Sidney Brower (URBS).

College of Business and Management Associate Professor: Maryam Alavi

Computer, Mathematical and Physical Science Professor: Abram Kagan (MATH); John Millson (MATH); Michael Yakobson (MATH); Richard Greene (Dir., Ctr. Superconductivity Res. PHYS). Associate Professor: Stuart Vogel (ASTR); Kevin Coombes (MATH); Nicholas Hadley (PHYS).

Education Professor and Associate Dean: Thomas Weible (EDCI). Professor: Ann Howe (Chair EDCI); Michael Pressley (EDHD); Thomas Erekson (Chair EDIT); Robert Birnbaum (EDPA).

Engineering Professor: Uzi Vishkin (ENEE and UMIACS).

Chairpersons, Academic Departments

Agriculture and Life Sciences James Anderson (Act. HORT); Frank Hetrick (Act. MICB); Bruce Jarvis (Act. CHEM).

Arts and Humanities Alexander Chen (Act. HSAD); Leon Major (Act. MUSC).

Business and Management Richard Kolodny.

Behavioral and Social Sciences John Townshend (GEOG).

Computer, Math and Physical Sciences Anadu Vernekar (Act. METO); Satish Tripathi (CMSC); Ann Wylie (Act. GEOL).

Education Thomas Erekson (EDIT); Ann Howe (EDCI).

New Administrators, Deans, and Directors

Agriculture and Life Sciences Paul Mazzochi (Act. Dean)

Architecture John Hill (Act. Dean)

Arts and Humanities Robert Griffith (Dean); Robert Kolker (Coordinator, RTVF); David Lightfoot (Dir., LING); Roger Meersman (Coordinator, Theatre); Andrew Wolvin (Coordinator, Speech).

Behavioral and Social Sciences Sidney Brower (Act. Dir. Urban Studies).

Education Jerry Teague (Asst. Dean)

Journalism Mark Levy (Assoc. Dean)

Administrative Positions

Vivian Boyd, (Dir., Counseling Center); Hoyt Brown (Act. Asst. to Vice President, Student Affairs); Reese Cleghorn (Act. Vice President for Institutional Advancement); Carolyn Ent (Act. Dir. Special Events); Kenneth Krouse (Chief of Police); Sylvia Stewart (Asst. to Vice President for Administrative Affairs);

The staff of *Outlook* has made every effort to include all new appointments and promotions at the associate professor and director level or above. We regret any inadvertent omissions. ■

Calendar

October 2 — 11



Faces Of AIDS Closing October 8

There's still time to see the impressive *Faces of AIDS* photo exhibit which closes on Sunday, October 8. While Jim Wigler's photos of persons with AIDS and AIDS Related Complex will still be on display, the panels from the NAMES Project Quilt have been removed from the exhibit so they can be part of the 10,848 panels that will be displayed on the Ellipse in Washington, D.C. October 6-8. Gallery hours are Monday-Thursday, 11 a.m.-7 p.m.; Friday, 11 a.m.-5 p.m.; Saturday, 12-5 p.m.; and Sunday, October 8, 12-5 p.m. Call 454-4754 for information.

2 MON

Art Exhibitions: "Picturing America: Art as Expression and Education, 1920-1945" and "The Andy Warhol Athlete Portraits," selections from the permanent collection, through Nov. 22, The Art Gallery, Art/Sociology Bldg. Call x2763 for info.

Art Exhibition: "WPA Black Print-makers," organized by Lehman College Art Gallery, through Oct. 22, The Art Gallery, Art/Sociology Bldg. Call x2763 for info.

"The Faces of AIDS," a photography and quilt exhibition in conjunction with the NAMES Project, Parents Association Gallery, Stamp Union, through Oct. 8. Call x8309 or x4754 for info.

Computer Science Colloquium: "Architecture of the Tera Computer System," Burton J. Smith, Tera Computer Company, 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

Space Sciences Seminar: "Ionospheric Signatures of Magnetospheric Boundary Layers," Walter J. Heikkila, U. of Texas, Dallas, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

3 TUE

Instructional Television System Satellite Lecture Series: "Chaos: An Emerging Science," featuring five lectures on the fundamentals of chaotic dynamics, Celso Grebogi, Edward Ott, James A. Yorke, 11 a.m.-5 p.m. Call x8955 for info.

Zoology Seminar: "Molecular Population Genetics: An Example from *Drosophila*," Margaret Riley, U. of Massachusetts, Amherst, noon, 1208 Zoo/Psych. Bldg. Call x3202 for info.

Physics Colloquium: "Magnetic Reconnection: A Mechanism for the Explosive Release of Magnetic Energy in Space and Laboratory Plasmas," James F. Drake, Jr., 4 p.m., 1410 Physics Bldg. Call x3512 for info.

Presentation of Outstanding Woman of 1989 Award to Jean Grambs and Reception for New Women Faculty and Administrators, 4:30-5:30 p.m., 1400 Marie Mount Hall. Call x6668 for info.

Feminism Seminar: "Race and Literary Theory," Barbara Christian, U. of California at Berkeley, 8 p.m., Language House Auditorium. Call x3841 for info.

Movies: "Made for Each Other" and "Of Mice and Men," Hoff Theater. Call x2594 for info.

4 WED

Registration Begins for Horseshoe Doubles, through Oct. 10, 8:30 a.m.-4:30 p.m., Campus Recreation Services, 1104 Reckord Armory. Call x3124 for info.

Research and Development Meeting: "Current Campus Issues for the Police Department," Kenneth Krouse, noon, 0106 Counseling Center. Call x2932 for info.

Men's Soccer vs. UDC, 3 p.m., Denton Field. Call x2123 for info.

Movies: "Of Mice and Men" and "Made for Each Other," Hoff Theater. Call x2594 for info.

5 THU

Employee Development Seminar: "Conflict Resolution: Coping with Difficult People in Business and Life," Maryland State Clerical Training Institute, 9 a.m.-4 p.m., 1109-11 Center of Adult Education, \$25. Call x4811 for info.

Reception and Orientation for New Faculty, 3-5:30 p.m., Maryland Room, Marie Mount Hall. Call x4508 for info.

Meteorology Seminar: "Frequency Dependence in Forecast Skill," Huug van den Dool, 3:30 p.m., 2114 Computer & Space Sciences Bldg. Call x2708 for info.

CHPS Seminar: "Bell's Theorem: What it Takes," Jeremy Butterfield, Princeton U., 4 p.m., 1117 F. S. Key Hall. Call x2850 for info.

Art Department Minorities & Women Lecture: sculptor Mel Chin will discuss his work, 7:30 p.m., Art/Sociology Bldg. Call x0344/5 for info.

Greater Washington Solid State Physics Colloquium: "Scanning Tunneling Microscopy Studies of the Vortex State in a Superconductor," Robert C. Dynes, AT&T Bell Laboratories, 8:30 p.m., 1410 Physics Bldg. Call x7039 for info.

Astronomy Talk/Slide Show: "The Origin of the Solar System," T. A. Matthews, 9 p.m., Astronomy Observatory. Call x3001 for info.

Movie: "Field of Dreams," Hoff Theater. Call x2594 for info.

6 FRI

AAUW Lunch Bunch, noon, Maryland Room, Marie Mount Hall. Call x3940 for info.

Lunch 'N Learn Lecture: "The Many Faces of Addiction in Young People," Robert L. DuPont, Center for Behavioral Medicine, 1-2 p.m., 3100E Health Center. Call x4925 for info.

Faculty and Associate Staff Convocation, 3 p.m., Memorial Chapel. Call x6553 for info.

Women's Volleyball vs. William & Mary, 7 p.m., Cole Field House. Call x2123 for info.

Movies: "Field of Dreams" and "Pet Semetary," Hoff Theater. Call x2594 for info.

7 SAT

Ritual and Ceremony in African Culture, a day-long series of lectures and demonstrations placing African music, dance, art and drama in their traditional contexts, 9 a.m.-3:30 p.m., Center of Adult Education. Call x2740 for info.

Women's Volleyball: Penn State vs. William & Mary, 1 p.m.; Maryland vs. Penn State, 7 p.m., Cole Field House. Call x2123 for info.

Maryland Field Hockey vs. UNC, 1 p.m., Turf Field. Call x2468 for info.

University Community Concert: Jupiter Symphony, 8 p.m., Center of Adult Education, \$16.50 standard admission, \$14 seniors and students. Call x6534 for info.

Movies: "Field of Dreams" and "Pet Semetary," Hoff Theater. Call x2594 for info.

8 SUN

Men's Soccer vs. Wake Forest, 2 p.m., Denton Field. Call x2123 for info.

Movie: "Field of Dreams," Hoff Theater. Call x2594 for info.

9 MON

Computer Science Center Colloquium: "The RAID Project at Purdue," Bhargat Bhargava, Purdue U., 4 p.m., 0111 Classroom Bldg. Call x4244 for info.

Space Sciences Seminar: "New Results from the Neptune Encounter," Frank McDonald, 4:30 p.m., 1113 Computer & Space

Sciences Bldg. Call x3136 for info.

10 TUE

Registration for Doubles Horseshoes Ends, 8:30 a.m.-4:30 p.m., Campus Recreation Services, 1104 Reckord Armory. Call x3124 for info.

Employee Development Seminar: "Leadership & Motivation for Supervisors," State of Maryland Management Development Center, 9 a.m.-4 p.m., 0109 Center of Adult Education. Call x4811 for info.

Zoology Seminar: "Linkages Between Primary and Secondary Production in Aquatic Ecosystems," Stuart Findlay, Institute of Ecosystem Studies, noon, 1208 Zoo/Psych. Bldg. Call x3202 for info.

Systems Research Center Colloquium: "Communication Issues in Parallel Computation," Dimitri Bertsekas, MIT, 3-4 p.m., 1100 ITV Bldg. Call x5880 for info.

Maryland Field Hockey vs. West Chester, 3:30 p.m., Denton Field. Call x2468 for info.

Physics Colloquium: "Disorder and the Vortex Glass Phase in High Tc Superconductors," Matthew P. E. Fisher, IBM Watson Research Center, 4 p.m., 1410 Physics Bldg. Call x3512 for info.

Movies: "Hunchback of Notre Dame" and "The Story of Vernon and Irene Castle," Hoff Theater. Call x2594 for info.

11 WED

Registration Begins for Team Table Tennis and Coed Bowling, 8:30 a.m.-4:30 p.m., Campus Recreation Services, 1104 Reckord Armory. Call x3124 for info.

Hispanic Heritage Day and Panel Discussion, featuring Manny Carillo, Dept. of Labor, Julio Portatatin, All-State Insurance; Chris Rodriguez, Goddard Space Flight Center; and Carlos Sanchez, The Washington Post, 11 a.m.-4 p.m., Grand Ballroom, Student Union. Call x4901 for info.

Research and Development Meeting: "PCCES, The Counseling Center's Community Service Division—Update on New Community Services," Robert W. Freeman, noon, 0106 Shoemaker Bldg. Call x2932 for info.

Architecture Symposium: "Modern Dutch Architecture, 1890-1945," featuring Helen Searling on "Berlage, Cuypers and the Amsterdam School," Yve-Alain Bois on "The De Stijl Idea," Maristella Casciato on "Duiker and the International Style," and Wim de Wit on "Modernism and Tradition Between the World Wars," 2-6 p.m., Architecture Auditorium. Call x3427 for info.

Housing and Design Lecture: "Active Health Care, an Integral Understanding of Design," Mary Elizabeth Boyd, Chief of Interior Design for the Veterans Administration, 2 p.m., Maryland Room, Marie Mount Hall. Call x1543 for info.

Women's Volleyball vs. U. of Delaware, 7 p.m., Cole Field House. Call x2123 for info.

Depressive Illness Symposium, featuring Robert Hirschfeld, National Institute on Mental Health, 7-9 p.m., Atrium, Stamp Union. Call x4925 for info.

Movies: "The Story of Vernon & Irene Castle" and "Hunchback of Notre Dame," Hoff Theater. Call x2594 for info.

* Admission charge for this event. All others are free.

Calendar information may be sent to John Fritz, 2101 Turner Laboratory or (via electronic mail) to jlfritz@pres.umd.edu.



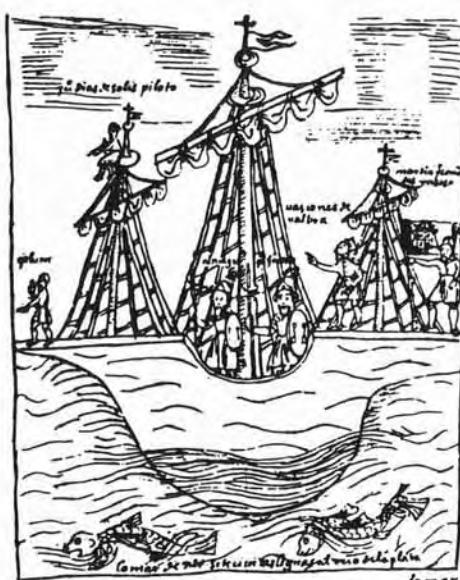
The Jupiter Symphony will perform Sunday, October 7 at 8 p.m. in the Center of Adult Education. The program includes Bach's Sinfonia from Cantata No. 42 and Brandenburg Concerto No. 3, and Mozart's Symphony No. 29 and Concerto for Oboe in C. Call 454-6534 for more information.

Drugs, Truth and Consequences

A drug and alcohol awareness brochure titled, "Truth and Consequences" is being distributed to students this month in conjunction with the campus' Alcohol Awareness Week, Oct. 8-14. The brochure, paid for by the Fund for the Improvement of Post Secondary Education (FIPSE), is designed to familiarize students with university policies and sanctions concerning drug and alcohol use. It was produced by the university Police Dept., the Dept. of Resident Life and the Judicial Programs Office.

ARTS AT MARYLAND

DISCOVERING THE AMERICAS



Discovering the Americas Series Examines African Influence

When Columbus journeyed to the Western Hemisphere at the end of the 15th century, Europeans landed in the Americas for first time.

But this introduction of Europe to the Americas was not the only meeting of continents that occurred via Columbus. Within a decade after the Nina, Pinta and Santa Maria set sail, Spaniards began to transport Africans—for the most part slaves and servants—to the New World.

Scholars participating in UMCP's Discovering the Americas program will spend next the two years studying the ways in which the introduction of African culture affected the Americas.

The study, coordinated by the Department of Spanish and Portuguese Languages and Literatures, is part of a six-year academic initiative that is exploring the many aspects of Columbus' discovery of the Americas in commemoration of the 500th anniversary of Columbus' journey. The initiative includes special classes, guest lectures and international conferences.

The project began in 1987 with a two-year focus on Pre-Columbian cultures in the Americas. Following the examination of African culture in the Americas, the last two years of the project will focus on Spain and the Americas.

"From almost the beginning we see blacks in the Americas," says Saul Sosnowski, chair of Spanish and Portuguese Languages and Literatures. "When the Spaniards come to the Western Hemisphere, they bring their own relationship with Africa to the Americas. Their long history with Africa is part of their cultural baggage."

The salient part of that baggage is the European history of exploiting the African continent.

"Unfortunately, this relationship has negative implications for Africa; Africa becomes the recipient of violence. When the Spaniards find they need a pool of cheap labor [in the New World], they know where to go. The slave trade has been already organized," Sosnowski says.

While slavery, an institution which expands in the New World, is an important

element of Africa's relationship with the Americas, it is not the only subject that scholars will explore during the next two years.

"We see the influence of African culture in food, music, dance, pottery, weaving, celebration, religion, world view—all parts of culture. There are subtle differences in the way in which African culture affects different peoples and regions," Sosnowski says.

This part of the Discovering the Americas series is being held as the College of Arts and Humanities begins its new Africa and the Americas initiative this fall.

While scholars participating in the two initiatives are working together on some programs, the projects remain distinct, Sosnowski says. Discovering the Americas concentrates on Africa in the New World, while the Africa and the Americas program offers a more broad-based look at African culture.

The next public event in the Discovering the Americas series is a lecture that will be present by Barbara Christian, the University of California, on Race and Literary Criticism at 8 p.m. Tues. Oct. 3, in Rm. 2309 of the Art/Sociology Building.

Other lectures in the series during the fall semester are:

- Josaphat Kubayanda, Ohio State University, on "Colonial/Imperial Discourse and Contemporary Critical Theory" at 5 p.m. Tues., Oct. 17.
- Arthur Miller, UMCP professor of history, on "Transformations of Time and Space: Oaxaca Mexico c. 1500-1700" at 5 p.m. Tues., Oct. 31.
- Richard Price, Martinique, on "Ethnographic History, Caribbean Pasts," at 8 p.m. Tues., Nov. 14.
- Jean Franco, Columbia University, on "I Was There: Violence and Personal Testimony" 5 p.m. Thurs. Nov. 30.

All lectures are in Rm. 2309 of the Art/Sociology Building.

For more information call 454-4305. ■

—Brian Busck

Faculty Talent Helps Support Music Scholarships

Every year, concert manager Suzanne Beicken organizes selected members of the university's talented music faculty into a small, excellent performance series known as the Artist Scholarship Benefit Series.

The series always does two things exceptionally well: it provides an opportunity for the campus community to hear some of its own outstanding artists perform, and its tickets help support scholarships for students.

For the 1989-90 season, this series will present five concerts, all at 8 p.m. in the renovated Tawes Recital Hall, all followed by receptions to meet the artists. On Oct. 14, violist Miles Hoffman, founder and artistic director of the Library of Congress Summer chamber Festival and the American Chamber Players, will perform a recital with concert pianist and vocal coach Robert McCoy. They will be joined by guest artists James McDonald, tenor, and Louise McClelland, mezzo, also of the music faculty.

On Nov. 4, soprano Linda Mabbs, Baroque music specialist, and pianist Santiago Rodriguez, 1981 Silver Medal Winner in the Van Cliburn International Competition, will present "Music for a New World."

On Feb. 10 the seventh annual "Happy Birthday Mozart" will continue a popular tradition of programs featuring music faculty in performance of works by Mozart and his contemporaries.

The Guarneri String Quartet, now in its twenty-fifth season and its seventh year on the music faculty, will perform on March 2.

The final concert will feature Metropolitan and New York City Opera



Baritone Dominic Cossa of the Music Department

baritone Dominic Cossa and Fairfax Symphony Orchestra director William Hudson with the University of Maryland Symphonic Orchestra in a program of operatic selections and lighter show tunes. Although Cossa was new on the faculty last year, this is the first time his busy schedule has permitted him to perform in this series.

General admission five-concert subscriptions cost \$45, with attractive discounts for students and senior citizens. Tickets may also be purchased individually. Call 454-6669 for information or a brochure. ■

Conference Will Examine the Many Dimensions of Benjamin Constant

Scholars from six countries will gather at the university this week to review the busy career of French Revolution-era intellectual Benjamin Constant.

"Benjamin Constant: Philosopher, Historian, Novelist and Statesman (1767-1830)," will bring together the world's leading Constant scholars for a conference Oct. 5-6 in the Adele H. Stamp Student Union.

Best known for his novel, *Adolphe*, one of the classics of French Literature, Constant also was active in government during some of the most turbulent periods of French history, says conference organizer Beatrice Fink, associate professor of French and Italian Languages and Literatures.

As Constant's life spanned the Ancien Regime, the Revolution, the Napoleonic

Era, and the brief restoration of the French monarchy, so did his relationships and political interests. He was a confidant of the daughter of Louis XVI's minister of finance, legislative tribune under Napoleon (and eventually lost his position for holding oppositionist views) and a supporter of Napoleon's attempt to recapture the government.

The conference will examine the many facets of this fascinating subject, Fink says.

Sponsors include the Department of French and Italian, the College of Arts and Humanities, the Graduate School, the Center for Renaissance and Baroque Studies and the Department of History.

For more information call 454-4303. ■

Spend a Year at Peking University

Applications are being accepted by the Department of Government and Politics for the University of Maryland exchange program with Peking University for the 1990-91 academic year. Applicants may be faculty or students with or without Chinese language skills. For information call 454-4093 or 454-6622.

CLOSE UP

Historic Costumes—A Record of the Way We Were

The collection has been locked away to mildew in basements and gather dust in attics. It's been moved from building to building so often, its curator is well known by the workers in Physical Plant who have had to haul it. Rarely does it see the light of day. And it doesn't even have a name. But, eventually, swears the curator, the collection will be seen by all who wish to see it. It's time for it to come out of the closet.

At present it is known as the Historic Costume and Textiles Collection. But it needs a proper name and it needs to be exhibited, says Jo Paoletti, curator of the 3,500-piece collection of mostly 19th and 20th century Western clothing. The collection also includes such offbeat items as a 1913 Yale blazer, various hats, and a small collection of non-Western apparel.

Most of the Historic Costume and Textiles Collection is composed of clothing that was once worn during special occasions or that held sentimental value to past owners, Paoletti says.

As an example, she shows a closet full of white children's gowns from the late 19th century. "People saved these

because they are pretty and they usually were the first clothes worn by a child. But I would like to see clothing more typical of what people wore in their day to day lives," Paoletti says.

"Utilitarian clothes are rarely kept by people because they wear out and don't seem special. But it is these clothes that are really representative of what people's daily lives are like," she says.

Most of the pieces in the collection were obtained through private donations and exchanges with other collections. Because the collection receives little state funding, a gallery most likely will be established only through grants or private donations, Paoletti says.

The most poorly represented part of the collection is the men's wear section. At present it contains relatively few items, mostly post World War II apparel.

"I'd like to get more examples of contemporary men's clothing for the collection," Paoletti says. "I've even got my eyes on some of my husband's things."

Though the collection is currently tucked away in the basement of Marie Mount Hall, it is studied regularly by students in the Dept. of Textiles and

Consumer Economics. Students are assigned items from the collection to research as part of their coursework.

"Clothing is a record of the way we live," Paoletti says. "The study of clothing is an interesting way to look at history. When you look at these clothes, you know that the 19th century did exist, that people lived then, that they were like us, that they didn't have Pampers."

Paoletti says she has seen students who had no previous interest in history suddenly become immersed in it after seeing and studying the clothing of people who lived long ago. "A one-on-one relationship develops between the student and the garment," she says.

Paoletti is an associate professor in the Dept. of Textiles and Consumer Economics and acting assistant dean for student affairs in the College of Human Ecology. She recently co-authored a chapter on children's clothing in the book, *Men and Women - Dressing the Part*, published in April by the Smithsonian Press. Her own book on American children's costume, *Dress Rehearsal*, will be published late next year by Homes and Meier.



Jo Paoletti

Paoletti says she would like to see a relationship develop between a future gallery and the surrounding community. "I would want the gallery to serve more than the student population," she says. "It should have close ties to the community, with community volunteer involvement and garments that people could look at more closely than is possible at the Smithsonian or other museums."

"I want this collection to be seen; to pique people's interest to look into their own closets and see the history there. Everyday clothes are a history of our time, and they should be saved for future generations to see."

In the meantime, as people search their own closets for the history in clothing Paoletti is striving to bring the campus collection out from the closet, into the light of day. ■

—Fariss Samarrai

Textile Data Base to Document Coverlets in November



Clarita S. Anderson

Three years ago, the College of Human Ecology established the University of Maryland Historic Textile Data Base for the purpose of gathering and extracting information on various types of textiles, particularly coverlets.

More than 3,500 coverlets have been documented since September 1986, and the data base has become a model of methodology for other researchers documenting flat textiles such as coverlets, quilts, and show towels.

"There's been a lot of interest from other colleges and museums in our method of documenting coverlets," says Clarita S. Anderson, principal investigator for the data base project and an assistant professor in the Department of Textiles and Consumer Economics.

Anderson and colleagues Kay

Hawthorne and Jean Parsons have documented and categorized the coverlets into six separate bases: "figured and fancy" coverlets and carpets; weavers of these items; unique design features such as border motifs, corner blocks, cartouches and logos; the client's name and location; early patent and franchise information; and the weaver's advertisements for the items. The documented coverlets are owned by the university, private collectors, museums, historical societies, auction houses and dealers.

Anderson uses an IBM Personal System 2 with a 60 megabyte hard drive and dBASE III Plus software to document and retrieve massive amounts of coverlet information. She received the computer through an Individual Faculty Work Station Grant from the Computer Science Center. Anderson is now entering data on

an additional 2,000 coverlets.

"The system also digitizes the photos we have of the items and it displays them on the monitor with their data," Anderson says. She hopes to eventually find motif commonalities through her vast data that will lead to quick determination of where a given piece was weaved and by whom.

According to Anderson, the data base has provided information for three coverlet exhibits and one catalog. Participants in the data base include New York's Metropolitan Museum of Art, the Smithsonian's National Museum of American History, the Baltimore Museum of Art, and more than 100 other museums nationwide.

To gather information on coverlets not yet documented, the Dept. of Textiles and Consumer Economics is holding its third Coverlet Documentation Day, Nov.

Take Notice.

I HEREBY notify Peter Darey and others, who have had COVERLITS made by me, to call immediately and take the same away, as they have been finished over a year past, and are ready for delivery at any time. They have been on my hands long enough, and I hope those persons who ordered the said Coverlits will at least call and see me.

ANDREW CORRICK.
Middletown, March 13 4w

A notice from the April 3, 1846 *Catoctin Whig* by Middletown, Maryland coverlet weaver Andrew Corrick.



A Maryland coverlet woven by John B. Welty of Boonsboro, circa 1840.

18, from 10 a.m. to 4 p.m. in the Maryland Room of Marie Mount Hall.

"We are asking people to bring their figured and fancy coverlets to us for documentation and photographing for inclusion in our data base," Anderson says. "This will provide people an opportunity to see each other's coverlets and to see our data base and how it works."

Anderson says she will be available to answer people's questions about their coverlets. There were 100 attendees for the last Documentation Day five years ago and Anderson expects more this time. For information, call 454-2141.

—Fariss Samarrai

Counseling Center Has Testing and Tutoring Information

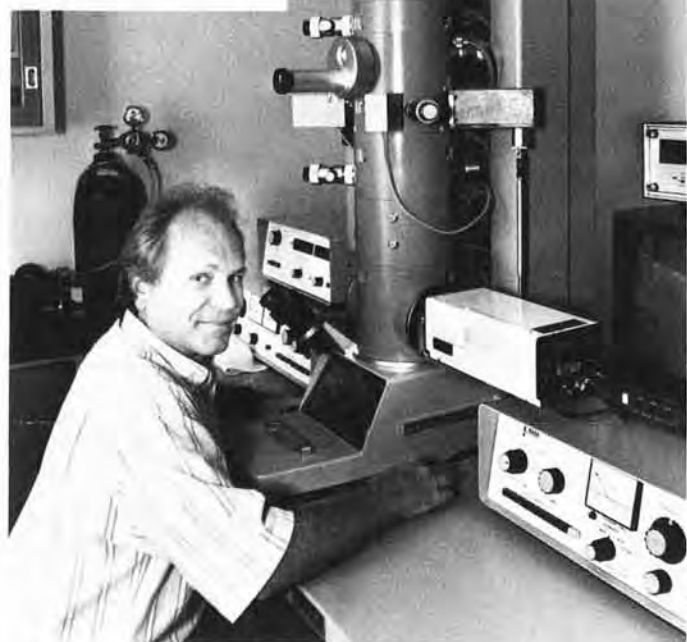
The Counseling Center has compiled an inventory of tutorial services available to students on the College Park campus. The list is designed to be used as a supplement for finding additional sources of assistance after the student has first talked with the professor and the graduate teaching assistant. Call 454-2935 for a copy. Also available at the center is the schedule of the National Testing Program for 1989-90, listing the most frequently required undergraduate and graduate admission tests and credit by examination programs. Call 454-3126 for the schedule.

Learn About Administrative Computing, Communications and Transportation

An overview of some key services is being offered to campus administrators and managers who use such services on a daily basis. Another in the series of Employee Development Seminars, the overview will be held on Oct. 18 from 9 a.m. to noon in the Maryland Room of Marie Mount. Participants will learn about the Administrative Computer Center, the Motor Transportation Facility, telecommunications, mail, printing, and photographic and copy services. The registration deadline is Oct. 11. Call 454-4811 for information.

COLLEGE PARK PEOPLE

The Tiny World of Tim Maugel



A spider mite (upper left) and Tim Maugel

Tim Maugel spends his days in a world that most of us will never see, at least with the naked eye.

It's a world of hairy spider mites, ferocious-looking ticks, bulbous squid larvae and swirling sea urchin eggs.

It's the world of the electron microscopist.

As director of the Electron Microscopy Laboratories for the biological sciences departments at College Park, Maugel is much in demand at the university for his expertise with the large microscopes that enable us to view very tiny objects.

That expertise and his 18 years of service to College Park have earned him associate staff honors this week at the Annual Faculty and Staff Convocation.

Maugel arrived at UMCP in 1971 to direct the Department of Zoology's Electron Microscopy Laboratory. Just a few years earlier, he never would have dreamed this would be his life's profession.

Graduating with a bachelor's degree in zoology from Penn State University, Maugel began his career in leukemia research, examining the role that viruses might play in causing leukemia. To better study these viruses, Maugel trained in electron microscopy (EM) at several laboratories, and he became good at it. He stayed in leukemia research for five more years before coming to College Park.

Maugel has seen a lot of changes since '71. "We've gone from a lab with two EMs to five," he says, "from a lab

that served just the zoology department to one that serves most of the biological departments on campus."

Maugel collaborates with faculty members and graduate students in these departments to provide them the electron microscopy they need for their research.

The lab has two main types of microscopes, scanning electron microscopes and transmission electron microscopes. The scanning EM lets the observer see the surface of an object. Maugel took the photograph of the spider mite with a scanning EM. Transmission EM uses thin slices of tissue to allow the observer to "see through" an object. Detailed pictures of the inside of a cell often are taken by transmission EM.

Electron microscopy is not easy work—it's exacting and requires long hours. Often, Maugel's work

days begin early in the morning and continue past sunset. The time-consuming part is preparing the specimens for the microscope.

"Your specimens have to be absolutely dry," Maugel explains. "To prepare a specimen for the transmission microscope can sometimes take three to four days. Some preparations are an eight-hour process, and you really can't go anywhere during that time."

Maugel says he is pleased by the honor, but he's not sure why he is being recognized.

Sidney "Skip" Pierce, professor of zoology, knows why.

"Tim's been such an important part of so many research projects in the zoology department and across campus over the years. He's a very capable scientist, and when it comes to electron microscopy, he's a real pro."

Pierce and Maugel completed the book *Illustrated Invertebrate Anatomy* together several years ago. Maugel said it was probably his most challenging yet finest project to date.

Maugel says, despite the lack of graduate student help in his lab, he won't shy away from more challenging projects in the future.

"It's so fun and exciting to look at things that have never been looked at before." ■

—Jan Barkley

William Hartline: Superbuyer for the University

If you think shopping for a family of four is tough, imagine what it must be like buying for the entire College Park campus community.

The shopping list includes everything from nuts and bolts to a sophisticated telecommunications system to the five miles of adhesive tape used each year by Terrapin athletes.

Even so, when Bill Hartline tells you he looks forward to coming to work every morning, you believe him.

That's because he conveys a kind of enthusiasm when he talks about his job, his office colleagues and staff, and the university where he has worked for the last 23 years.

As assistant director for purchasing for the university's Department of Procurement and Supply, Hartline is responsible for the day-to-day, hands-on coordination and administration of UMCP's procurement activities—a \$100 million-a-year undertaking.

This week, he is being honored as one of two outstanding associate staff members at the sixth annual Faculty and Associate Staff Convocation.

Not surprisingly, Hartline downplays the attention. "I don't like being singled out. I get satisfaction through the people I work with," he says. "The honor is significant for the whole department; I don't take it as a personal award."

Half a dozen or so years ago no one in purchasing would ever even consider they might have a chance to win this award, Hartline says. "Now there's a different mind set than we had in the past." This change, he says, is in large part because people like Charles Sturtz, vice president for administrative affairs, Sam Lawrence, assistant vice president for finance, and Ron Jones, director of procurement and supply, recognized and responded to the needs of the department.

"By getting the volume down to a manageable work load, by hiring additional staff, the department has become much more responsive to the requirements of the university," Hartline says. "And that's the attitude we try to foster in our day-to-day activities. We try to satisfy the needs of a diverse institution while adhering to the stringent rules of a state agency that are not really designed to accommodate the dynamic nature of the university."

Last year the department's 15 buyers and 14 buyer-clerks processed some 18,000 transactions totalling \$120 million. The average purchase order was \$6,091. Twenty-two years ago, there were six buyers, one being Hartline. The total volume was \$8.6 million; the average order \$471.

"We have taken a pro-active posture in reacting to the needs of the campus," he says. "We are doing more outreach to departments in an attempt to be more helpful in dealing with procurement issues and reduce turnaround time."



William Hartline

Hartline is a Certified Public Purchasing Officer and an active member of such professional organizations as the National Association of Educational Buyers and the National Institute of Governmental Purchasing. He has presented professional seminars at NAEB and NIGP regional conferences. During his career, he has been a scientific buyer, buyer supervisor, program analyst and manager. From 1970 to 1974, he worked at the UMAB campus helping equip the school's medical and health care facilities. He returned to College Park as a buyer supervisor in 1974.

One of his chief accomplishments, he says, was helping put in place a contract plan for vendors of scientific equipment, lab supplies, apparatus and chemicals. The plan dramatically reduced the time it took to convert requisitions into purchase orders.

Currently a senior business major at University College, the 48-year-old grandfather of one says he's been taking courses on and off at Maryland since 1968.

"I think the future is quite bright for both the campus and for the department," Hartline says. "I like the job and I like the institution." ■

—Tom Otwell

Community Living Newsletter Makes Debut

Pat Mielke, director of Resident Life, and Matt Sheriff, director of Dining Services, have created a new newsletter to educate students and their parents about the myths and realities of community living on the College Park campus. A copy was sent to every resident student and family during the summer. Included in the newsletter are facts and figures, tips on studying, substance abuse education, a personal security checklist and a community bill of rights. Mielke and Sheriff have plans to create similar newsletters about health issues and academic life. To request a copy of the community living newsletter, call 454-2711.

Resident Life Dining Services

COMMUNITY
Living

Annual Campaign for College Park Begins Next Week



Campaign Chair Kathryn Mohrman

Ice cream socials and taco parties plus plenty of hard work went into creating a successful faculty and staff Campaign for College Park in 1988-89. On October 9, the 1989-90 Campaign for College Park will kick off.

Last year's campaign met with great enthusiasm, gaining the participation of

13 percent of College Park's 5500 employees—twice the number of donors as in the previous year. The College of Behavioral and Social Sciences collectively gave the largest sum of money (over \$52,000), but Human Ecology, Architecture, and Journalism also took part in large numbers, with more than 50 percent employee participation. They attributed their successes to the hard work of volunteer coordinators and competition among individual departments.

Gifts were given to purposes as diverse as the Band Fund, the International Piano Archives, the Maryland Program for Women and Politics, athletics renovations, Latin Day, and many different scholarship funds.

Fourteen percent of all gifts went toward the Francis Scott Key Scholarships, and 12 percent of all gifts—many of them books or gifts-in-kind—were dedicated to the Libraries. Forty-five percent were made by employees to programs not affiliated with their own offices, while the other 55 percent of employees opted to give to their own units.

This year's Campaign for College Park chair, Kathryn Mohrman, said that ability to choose the designation of a gift is the key to making contributions more appealing to employees. "We can take great satisfaction that the value and good derived from our gifts to this Campaign

directly influence the quality of the resources available to our colleagues and students. We as faculty and staff can perceive needs on this campus that no one else can," she says.

The Student Affairs and Academic Affairs divisions both targeted scholarships as their primary focus last year. The College of Human Ecology concentrated on improvements to one of the common areas used by faculty and students in Marie Mount Hall, while other divisions and Colleges asked that the Child Care Center be considered as the top choice.

Do all of these priorities compete?

Not at all, overall participation rate is the key, especially according to constituencies outside the University community, say campaign administrators. Corporations and foundations, as well as alumni and parents look to the level and enthusiasm of fund-raising participation as one of the gauges for the vitality and strength of a university, and rates of faculty and staff participation are key in attracting their support.

Allen J. Krowe, Senior Vice President and Chief Financial Officer of Texaco, Inc. and Chairman of the Campaign for the University of Maryland System stresses the important constituency represented by the College Park employees. "The partnership between a university and business is vital to the health and growth of both—that's what a

partnership is all about. A donation to the Campaign by an employee serves the good of other employees, the students, and the entire institution. It also provides a strong message to business and foundation donors that the people who are the heart of the university care about the institution and have demonstrated that care through their giving."

Other universities and colleges agree with this sentiment, and have proven the worth of successful faculty and staff campaigns in the support of overall campus goals. With a broad base of volunteer support beginning in 1985, Ohio State University has raised \$11.8 million in five-year pledges from faculty and staff of the main campus including the professional schools. While \$217,000 raised last year at College Park may seem small in comparison, it is a major accomplishment in the process of educating employees to the importance of these internal fund-raising efforts.

The 1989-90 Campaign for College Park has a goal of 25 percent employee participation and \$300,000. Mailings will go out October 9, as well as communication from volunteer faculty and staff within the various units. ■

—Jennifer Hubbell

Simulating HUGO

The campus Glenn R. Martin Wind Tunnel is routinely used by faculty and student researchers and private industry to test the aerodynamic configurations of automobiles, air and space craft, and ship hull design.

But last month, as Hurricane Hugo churned its unpredictable path through the Caribbean and toward U.S. coast, the tunnel played quite a different role.

As David Martin, a reporter with the CBS television program "48 Hours," stood in its test chamber, technicians cranked up the tunnel-generated winds to a 110 mph blast.

Secured in the chamber by a mountain climber's harness and ropes, Martin described, or attempted to describe, for his viewers what it is like to face hurricane-level gusts head on. The program was broadcast nationally on September 21.

"With winds of 80 mph," says tunnel director Jewel Barlow, "people are literally blown off their feet. In simulating Hugo's strength in the tunnel, we were concerned about safety. That's why we insisted on the mountain climbing gear. In a real hurricane the air is full of projectiles—broken glass, tree limbs, roof shingles and other debris—driven at tremendous speed. That's what makes these storms so dangerous." ■

Fountain of Youth



The grand opening for Tawes Plaza was held Sept. 19. The restyled courtyard, located between Campus Drive and the Tawes Fine Arts Building, features a water fountain, decorative plantings and open seating.

Expanding USSR University Relations

continued from page 1

Mathematical and Physical Sciences. Five Soviet physicists are expected to visit the university this fall as part of the latter program.

While the office's efforts thus far have been concentrated in the physical, life and social sciences, it will make its services available to all interested colleges, Brecht says.

The program is administered through the College of Behavioral and Social Sciences. An advisory committee that has not yet been named will help guide its activities.

Funding for office initiatives, in addition to outside support, will come from DRIF, the office of International Affairs funds and matching funds from participating colleges. ■

—Brian Busek